

Notice of Allowability

Application No.

09/882,539

Applicant(s)

CHALABI, ACHRAF

Examiner

Lamont M. Spooner

Art Unit

2654

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment dated 12/08/05.
2. ☒ The allowed claim(s) is/are 1-7 and 10-27.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Response to Arguments

1. In response to Applicant's arguments regarding the claim objections, the claim objections of the previous office action have been removed, based upon Applicant's amendment.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Sandra Brown on 3/3/04.

- In claim 1, line 3, replace "a." with - -a)- -.
- In claim 1, line 5, replace "b." with - -b)- -.
- In claim 1, line 8, replace "c." with - -c)- -.
- In claim 1, line 10, replace "d." with - -d)- -.
- In claim 1, line 11, replace "e." with - -e)- -.
- In claim 20, line 5, replace "a." with - -a)- -.
- In claim 20, line 7, replace "b." with - -b)- -.
- In claim 22, line 5, replace "a." with - -a)- -.
- In claim 22, line 7, replace "b." with - -b)- -.
- In claim 22, line 9, replace "c." with - -c)- -.

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- In claim 22, line 11, replace "d." with - -d)- -.
- In claim 26, line 3, replace "a." with - -a)- -.
- In claim 26, line 5, replace "b." with - -b)- -.
- In claim 26, line 7, replace "c." with - -c)- -.
- In claim 26, line 9, replace "d." with - -d)- -.
- In claim 26, line 10, replace "e." with - -e)- -.
- In claim 27, line 3, replace "a." with - -a)- -.
- In claim 27, line 5, replace "b." with - -b)- -.
- In claim 27, line 7, replace "c." with - -c)- -.
- In claim 27, line 9, replace "d." with - -d)- -.
- In claim 27, line 10, replace "e." with - -e)- -.

Allowable Subject Matter

3. Claims 1-7, and 10-27 are allowed.
4. The following is an examiner's statement of reasons for allowance:
5. Regarding claims 1, 11, and 21, the present invention comprises a non-obvious improvement over the cited prior arts of record Wical 1, Wical 2, Wical 3, and Liddy 1 and Liddy 2. None of the references alone or in combination disclose the combination of an input sentence, wherein the (all) words are sense tagged, and then a predicted set of one or more probably themes-associated with the created sequence of sense-tagged words (still including all sense tagged words, and reducing sense ambiguities by eliminating remotely probable senses or selecting highly probable senses of said sense

tagged words (which are all of the words of the input sentence) based on said weighted set of one or more probable themes.

6. Claims 2-7, 12-20, and 22-25 are allowed as they depend from their allowed parent claims.
7. Claims 26, and 27 are allowed.
8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
 - Guthrie et al., (SUBJECT-DEPENDENT CO-OCCURRENCE AND WORD SENSE DISAMBIGUATION), teaches disambiguation of words based on subject.
10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lamont M. Spooner whose telephone number is 571/272-7613. The examiner can normally be reached on 8:00 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richemond Dorvil can be reached on 571/272-7602. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

lms
3/03/06


RICHEMOND DORVIL
SUPERVISORY PATENT EXAMINER